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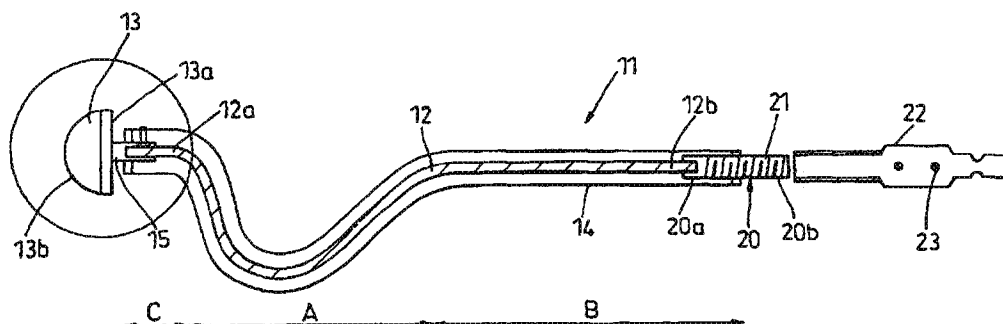
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(88) Date of publication of the international search report:  
27 November 2003

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DEVICE FOR HOLDING AND ROTATING AN ACETABULUM REAMER



(57) Abstract: A surgical device for holding and rotating an acetabular reaming head is provided, comprising a shaft having a length which runs from a first end adapted for holding an acetabular reaming head to a second end. At least part of the shaft is divergent from the axis defined by the first and second ends of the shaft, for example the shaft may include a C-shaped divergent portion. A head held by the device can therefore access the acetabulum in its true anatomical position while avoiding encroachment of the shaft on surrounding body parts.

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## INTERNATIONAL SEARCH REPORT

PCT/GB 03/00557

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 A61B17/16

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 176 711 A (GRIMES JAMES B) 5 January 1993 (1993-01-05) column 5, line 67 -column 6, line 20; figure 8	1-7, 11, 12
A	PATENT ABSTRACTS OF JAPAN vol. 017, no. 482 (C-1105), 2 September 1993 (1993-09-02) & JP 05 123334 A (AISIN SEIKI CO LTD), 21 May 1993 (1993-05-21) abstract	1
A	US 5 474 560 A (ROHR JR WILLIAM L) 12 December 1995 (1995-12-12) column 1, line 56 -column 2, line 14 -/--	1

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

13 August 2003

Date of mailing of the international search report

21/08/2003

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## INTERNATIONAL SEARCH REPORT

Inter I Application No

PCT/GB 03/00557

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
T	US 2003/050645 A1 (MYERS REESE K ET AL) 13 March 2003 (2003-03-13) abstract  -----	1-3

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/GB 03/00557

## Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 23-38, 60  
because they relate to subject matter not required to be searched by this Authority, namely:  
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by surgery
2. ☒ Claims Nos.: 13-22, 39-59, 61  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:  
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 13-22,39-59,61

In view of the large number and also the wording of the claims presently on file, which render it difficult, if not impossible, to determine the matter for which protection is sought, the present application fails to comply with the clarity and conciseness requirements of Article 6 PCT (see also Rule 6.1(a) PCT) to such an extent that a meaningful search is impossible. Consequently, the search has been carried out for those parts of the application which do appear to be clear (and concise), namely the surgical device for holding and rotating an acetabular reaming head according to claims 1-12.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

# INTERNATIONAL SEARCH REPORT

Interr if Application No

PCT/GB 03/00557

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5176711	A	05-01-1993	NONE	
JP 05123334	A	21-05-1993	NONE	
US 5474560	A	12-12-1995	NONE	
US 2003050645	A1	13-03-2003	NONE	